

PTO/SB/01A (08-03) Approved for use through 06/30/2006. OMB 0651-0032
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ARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN **APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	LIQUID-SOLID CIRCULATING FLUIDIZED BED WASTE WATER TREATMENT SYSTEM FOR SIMULTANEOUS CARBON, NITROGEN AND PHOSPHORUS REMOVAL					
As the below named	d inventor(s), I/we declare that:					
This declaration is d	irected to:					
	The attached application, or					
	Application No. 10 784,890 , filed on February 24,2004					
	as amended on(if applicable);					
I/we believe that I/w sought;	re am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent					
	and understand the contents of the above-identified application, including the claims, as amended by areally referred to above;					
material to patentab became available b	I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.					
to be true, and furti	e herein of my/own knowledge are true, all statements made herein on information and belief are believe her that these statements were made with the knowledge that willful false statements and the like all or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or ar on.					
FULL NAME OF INV	/ENTOR(S)					
Inventor one: George	ge Nakhla					
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Signature: X	Citizen of: Canada					
Inventor two:Jingxi						
Inventor two:Jingxi	u Zhu Citizen of: China					
Inventor two: Jingxii Signature: Yubo	u Zhu Citizen of: China					
Inventor two: Jingxi Signature: Yubo Signature: Yubo	Citizen of: China					
Inventor two: Jingxi Signature: Yubo Signature: Inventor four:	Citizen of: China Citizen of: China					

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/88/01A (08-03) 1008, OMB 0881-0047 ENT OF COMMERCE OME control number

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Title of Invention	LIQUID-BOLID CIRCULATING FLUIDIZED BED WASTE WATER THEATMENT SYSTEM FOR SIMULTANEOUS CARBON NITROGEN AND PHOSPHORUS REMOVAL
As the below name	ed Inventor(s). I/we declare that:
This declaration is	
	The attached application, or Application No. 10 784,890 , filed on February 24,2004
	no bebneme as
I/we believe that IA	we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent
I/we acknowledge to material to patental became available to continuation-in-part All statements made to be true, and find	and understand the contents of the above-identified application, including the claims, as amended by an cally referred to above; he duty to disclose to the United States Patent and Tredemark Office all Information known to me/us to be called the continuation of the continuation of the process of the prior application and the national or PCT International filling date of the application, as herein of my/own knowledge are true, all statements made herein on information and belief are believed the Unat these statements were made with the knowledge that willful false statements and the like are or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any
FULL NAME OF INV	ENTOR(8)
nventor one: Georg	Depthia 1
Bigneture:	Makken Cilizon of: Canada
wentor two:Jingxu	Zhu
ionature:	Cilizen of: Choa
ventor threa: Yubo C	
ignature: /w	on Cui Chine
ventor four:	
gnature:	Critzen of:
Additional invento	

Additional inventors or a legal representative are being named on

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If you need assistance in completing the form, call 1-800-PTO-8199 and select option 2.

PTO/SB/81 (09-03)
Approved for use through 11/30/2005. OMB 0651-0035

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

red to respond to a collection of inic	imation unless it displays a valid OMB control number.
Application Number	10/784,890
Filing Date	February 24, 2004
First Named Inventor	Nakhla et al.
Title	Liquid-SolidRemoval
Art Unit	
Examiner Name	
Attorney Docket Number	14624CIP

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V	Practitioners associated	with the Customer Number:		0002	293			
V	Practitioner(s) named be	low:						
		Name			Registration Nu	mber		
	Ralph A. Dowell		26868					
	Lynn C. Schumacher		36413					
Nancy E. Hill					41564			
	Wendy M. Slade				53604			
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	The address associate	e correspondence address for the ed with the above-mentioned Cus			eation to:			
7	OR							
<u></u>	Firm or Individual Name	Raiph A. Dowell of DOWELL &	DOWELL, P.C.					
	Address	Suite 309, 1215 Jefferson Davis	Highway					
	Address			01-1-	1	7:	Tanàna	
	City	Arlington		State	VA	Zip	22202	
	Country	US		Fay	703 415 2550			
l am t	Telephone 703 415 2555 Fax 703 415 2559 I am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)							
		SIGNATURE of A		signee c	of Record			
Name	Jingxu Zhu	1						
Signa								
Date	K M	anh 17,20	06		Telephone			
NOTE:	Signatures of all the inventor f more than one signature is	es or assignees of record of the entire required, see below*.	interest or their r	epresenta	ative(s) are required. Subr	nit mul	tiple	
~		forms are submitted.	·					

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/81 (09-03)

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PANFMARK **POWER OF ATTORNEY** and **CORRESPONDENCE ADDRESS INDICATION FORM**

on Act of 1995, no persons are re	quired to respond to a collection of info	ormation unless it displays a valid OMB control number.
	Application Number	10/784,890
ATTORNEY	Filing Date	February 24, 2004
d	First Named Inventor	Nakhla et al.
•	Title	Liquid-SolidRemoval
NCE ADDRESS	Art Unit	
ON FORM	Examiner Name	
	Attorney Docket Number	14624CIP

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'	Practitioner(s) named bel	low:							
		Name		-	Registration I	Number			
	Ralph A. Dowell				26868				
	Lynn C. Schumacher			36413					
	Nancy E. Hill				41564				
	Wendy M. Slade				53604				
	four attorney(s) or agent(s mark Office connected the		identified above,	and to tra	ansact all business	n the United States Patent and			
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	OR								
	The address associate	ed with Customer Number:							
	OR					· · · · · · · · · · · · · · · · · · ·			
~	Firm or Individual Name	Ralph A. Dowell of DOWELL	& DOWELL, P.C.						
	Address	Suite 309, 1215 Jefferson Da	vis Highway						
	Address			State	Iv.	Zip 22202			
	Country	Arlington		State	VA	Zip 22202			
	Telephone	703 415 2555		Fax	703 415 2559				
l am t	he: Applicant/Inventor. Assignee of record of	the entire interest. See 37 CFF FR 3.73(b) is enclosed. (Form							
		SIGNATURE of	Applicant or As	signee c	of Record				
Name	George Nakhla	011							
Signat	ure XEW No.	elila							
Date	1/2 Hav. 16	104			Telephone				
	Signatures of all the inventor more than one signature is r	rs or assignees of record of the ent required, see below*.	ire interest or their r	epresenta	itive(s) are required. Su	ubmit multiple			
~	*Total of 3	forms are submitted.							

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PTO/8B/81 (08-03)

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U.S. Pakent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Application Number

Application Number Panesania Panesania POWER OF ATTORNEY

and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/784 890
Filing Date	February 24, 2004
First Named Inventor	Nakhia et al.
Tide	Liquid-SolidRemovel
Art Unit	
Examiner Name	
Attorney Docket Mumber	14424010

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	by appoint:							
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	Practitioner(s) named b	elow:						
		Name			Registration t	Number		
	Ralph A. Dowell	7	26468					
	Lynn C. Schumacher			36413				
. !	Nancy E. Hill			41564				
	Wendy M. Slade				53804			
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	The address associa	led with Customer Number:						
	OR	ί	~	,··				
V	Firm or Individual Name	Raiph A. Dowell of DOWELL	L DOWELL, P.C.					
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City								
		Arlington		Siale	VA	Zip	22202	
	City Country	Arlington US		Şiale	VA	Zip	22202	
	City Country Telephone			Şiale Fex	703 416 2559	Zip	22202	
	City Country Telaphone he: Applicant/inventor. Assigned of record of	US	3.71			Zip	22202	
	City Country Telaphone he: Applicant/inventor. Assigned of record of	US 703 415 2555 he entire Interest, See 37 CFR	3.71. PTO/SB/98)	Fex		Zip	22202	
lam u	City Country Telaphone he: Applicent/Inventor. Assignee of record of I Statement under 37 C	US 703 415 2555 he entire interest. See 37 CFR FR 3 73(b) is enclosed. (Form F	3.71. PTO/SB/98)	Fex	703 415 2859	Zip	22202	
Name Signatu	City Country Telaphone he: Applicent/Inventor. Assignee of record of I Statement under 37 C	US 703 415 2555 he entire interest. See 37 CFR FR 3 73(b) is enclosed. (Form F	3.71. PTO/SB/98)	Fex	703 415 2859	Zip	22202	
lam u	City Country Telephone he: Applicent/inventor. Assignee of record of instance of the statement under 37 Country Yubo Cui	US 703 415 2555 the entire interest. See 37 CFR FR 3 73(b) is enclosed. (Form F	3.71. PTO/SB/98)	Fex	703 416 2659 FRecord			
Name Signatu	City Country Telephone he: Applicent/Inventor. Assignee of record of 1 Statement under 37 C	the entire interest. See 37 CFR FR 3 73(b) is enclosed. (Form F SIGNATURE of A	3.71. PTO/SB/86)	Fex	703 416 2559 Record	24-0	4>1-195576	

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